



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

J.B. PRITZKER, GOVERNOR

JOHN KIM, DIRECTOR

847-608-3131

FAX: 847-608-3139

November 21, 2019

Stateville Correctional Center Public Water Supply
c/o Mr. Sherwin Miles, Warden
P.O. Box 112
Joliet, Illinois 60434

Re: November 21, 2019 Inspection Report Reply
Stateville Correctional Center – IL197-7910

Dear Mr. Miles:

Thank you for your November 8, 2019 letter responding to our inspection report for the Stateville Correctional Center public water system. The evaluation and planned actions to comply and correct the items noted in the report are acknowledged and will be verified on the next inspection.

Thank you again for your time and attention.

Sincerely,

Segundo Nallatan, P.E.
Regional Manager



The Illinois Department of Corrections

Stateville Correctional Center
Route 53, P.O. Box 112 • Joliet, IL 60434 • (815) 727-3607 TDD: (800) 526-0844

MEMORANDUM

DATE: November 08, 2019

TO: Grover Hopkins, IEPA

FROM: Jerry Daly, Chief Stationary Engineer

SUBJECT: Administrative/Managerial Deficiencies - Monitoring

RECEIVED
REGION 2
NOV 21 2019
DIVISION OF PUBLIC WATER SUPPLIES
STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Mr. Hopkins,

This memorandum is in response to your letter dated October 22, 2019 regarding Stateville Correctional Center (IL197-7910) 2019 Public Water Supply Inspection Report.

Regarding the violations, deficiencies, and recommendations listed in Attachment A, please know the following:

- 1) Administrative/Managerial Deficiencies - Monitoring
Regarding deficiencies observed in the obtaining, testing, and logging of Free Chlorine Residuals, we have instituted new protocols and training of staff to ensure accurate testing and recording in order to achieve compliance with all applicable rules, regulations, acts, and/or laws.
- 2) Administrative/Managerial Deficiencies - Monitoring
Regarding deficiencies observed in the cataloging, filing, and or sending of Monthly Operating Reports, we have instituted new protocols and training of staff to ensure that accurate Monthly Operating Reports are prepared, catalogued, filed, and sent to the appropriate parties in order to achieve compliance with all applicable rules, regulations, acts, and/or laws

Cc: Warden Pfister
File



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October 22, 2019

Stateville Correctional Center Public Water Supply
c/o Mr. Sherwin Miles, Warden
P.O. Box 112
Joliet, Illinois 60434

Re: **Stateville Correctional Center – IL197-7910**
2019 Public Water Supply Inspection Report

Dear Mr. Miles:

An engineering evaluation of the Stateville Correctional Center community water supply has been completed. A field inspection was made on July 30, 2019 by Grover Hopkins of this office. Jeremiah Daly was present during this inspection.

The Illinois Environmental Protection Agency conducts periodic inspections of all community water supplies to determine if their ongoing programs for monitoring, maintaining the water supply, and providing appropriate information to the water users meet the requirements of the Illinois Pollution Control Board's public water supply regulations and related standards. The reason for this work is that if the people in a community are to cooperate and use a common water supply, they must feel that their system is properly constructed, operated and maintained.

Aspects of the water system that may not comply with current standards or regulatory requirements are detailed in attachment "A" of this letter. **Please respond to these findings in writing within 30 days.** Your response should describe the steps that have been or will be taken to correct these deficiencies.

This letter is NOT a violation notice as specified in Section 31(a)(1) of the Illinois Environmental Protection Act (415 ILCS 5/31(a)(1)). However, if an acceptable response is not received within 30 days, the Illinois Environmental Protection Agency may issue a formal violation notice pursuant to Section 31(a)(1) of the Act.

The Illinois Pollution Control Board Regulations can be downloaded from the internet at www.ipcb.state.il.us. The *Recommended Standards for Water Works* is available from Health Education Services, P.O. Box 7126, Albany, New York, 12224. (Phone: 518-439-7286 / FAX: 518 - 439-7022). This document may also be purchased through the internet at www.hes.org

DATA SHEET PAGE 1

Illinois Environmental Protection Agency
Bureau of Water - Division of Public Water Supplies
Inspection Report - Elgin Regional Office

FACILITY NAME	Stateville Correctional Center			FACILITY NUMBER	197-7910		
PLANT PHONE	815-727-3607			COUNTY	Will		
INSPECTION DATE	July 30, 2019			INSPECTED BY	Grover Hopkins		
SEND CORRESPONDENCE TO				EXEMPTION / LABORATORY FEE STATUS			
NAME OR ENTITY	Jermiah Daly			CHLORINE (Date)	No exemption		
ADDRESS	16300 Illinois Rt. 53						
CITY, STATE, ZIP	Crest Hill, Illinois 60434			LAB FEE PARTICIPANT (Y/N)	Yes		
CONTACT INFORMATION							
CERTIFIED OPERATOR	Mark Siefert			CLASS	B	NUMBER	
PHONE	815-954-5284			FAX			
PAGER				OTHER			
OWNER - RESPONSIBLE PERSONNEL	Sherwin Miles			TITLE OR POSITION	Warden		
PHONE	815-727-3607 ex: 6600			FAX			
OTHER CONTACTS	NAME			TITLE OR POSITION	PHONE		
HOME PAGE ADDRESS							
FACILITY STATUS							
Open	X	Critical Review		Restricted Status		Reason	Date
BRIEF DESCRIPTION OF SYSTEM AND SERVICE AREA							
Stateville Correctional Center PWS is located in Crest Hill, a northwestern Village of Will County, Illinois. This PWS has 1 service connection (buildings) serving 4,012 prisoners and staffs.							
Primary source of water for this facility is treated ground water obtained under direct pressure from Crest Hill through CC05. A 750K gallon elevated tank floats on this system. This facility does not provide any treatment. The facility also has an emergency interconnection (ground water) with Crest Hill. The facility has a sanitary sewer system. The facility's water distribution system consists of 1,500 ft of ductile iron water distribution mains							
SERVICE CONNECTIONS						# METERS	
NUMBER OF DIRECT SERVICES						1	
DIRECT SERVICES OUTSIDE CORPORATE LIMITS							
Residential Customers						1	
Commercial Customers							
Industrial Customers							
SATELLITE WATER SYSTEMS / INTERCONNECTIONS				FACILITY NUMBER	Source?	Customer?	
Crest Hill (emergency interconnection)				197-0250	X		
ADEQUACY OF SUPPLY							
DATE RANGE	FROM	1/1/2018	TO	12/31/2018	PLANT CAPACITY (MGD)	1.5	
					FIRM CAPACITY (MGD)		
LIMITING FACTOR FOR PLANT CAPACITY?						allocation	
ANNUAL PUMPAGE (MG)	RAW			FINISHED		168.78	
AVERAGE DAILY (MGD)	RAW			FINISHED		0.462	
MAX Day (MGD)	RAW			FINISHED		Not provided	
POPULATION	4,012			Estimated or Census Data		Estimated	
				How was Estimated Population Figured?			
AVERAGE DAILY PER CAPITA USAGE:	115.26 gal/per/day			Time to Produce Average Daily (Finished)		7.4 hours	
				Time to Produce Average Daily (FIRM)			

DATA SHEET PAGE 2

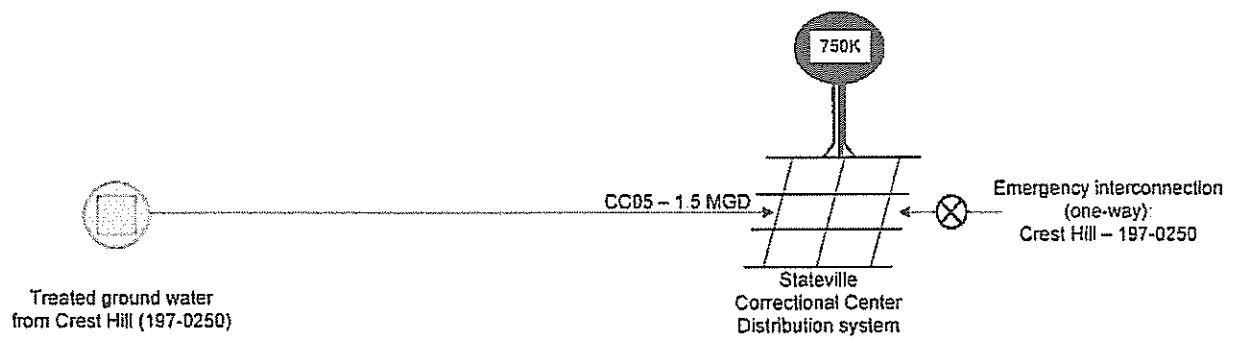
CONSECUTIVE CONNECTION SUMMARY											
CC #	Location or Description	Source Name	Source ID	Status (A, I or X)	Well Depth	Casing Length	Aquifer	Current Production (GPM)	GWUDI Eval. (DATE)	Waivers	
										VOC	SOC
CC05	Consecutive Connection w/ Crest Hill	Crest Hill	197-7910	A			Shallow well water	1.5	NA	NA	NA
Source Use (Disconnected sources, backups, seasonal use, etc)		This CC is the only source of water for the supply. Treated ground water is obtained under direct pressure from Crest Hill through CC05. This facility has no treatment.									
Bacteriological History (Raw water samples)		No raw water samples									
TREATMENT		Disinfectant Used		Fluoridation Chemical Used		Other Chemical Addition		Other Treatment			
		None									
		Installation Deficiencies						General Condition of Plant			
								Ok			
Other Comments regarding this TAP								Emergency Power		None	

Service Area / Pressure Zone / Distribution System												
Water Source(s)				CC05								
Location or Description				Service Area Population		No. of Service Connections		Finished Water Storage (Show Capacities)				
								Ground		Elevated		Hydropneumatic
Stateville Correctional Center Distribution System				4,012		1				750,000 gallons		
Maximum System Pressure		Location		Minimum System Pressure		Location		Free Chlorine Residual (mg/l)		Location		
67 psi		Water Tower		61 psi		Water Tower		Free: 0.1		Water Tower		
Flushing Program				Fire Protection Provided?		Current Map Available?		Valve Maintenance Program				Notes and Other Observations
None	Yearly	2 x year	More Often	No	Yes	No	Yes	No Valves	No Program	OK		
Information not provided				X		X		Information not provided				

Operating Reports / Records											
Content of Monthly Reports											
Monthly Reports Being Submitted?			Report for each TAP?		Daily Production from Each TAP?		Daily Measured Residuals?		Daily Dosage Calculations?		Notes and Other Observations
Yes	No	Late	Yes	No	Yes	No	Yes	No	Yes	No	
X		X	X		X		X			X	
Cross Connection control Ordinance											
Does the system have an ordinance?		Date Approved (by IEPA)		Program Enforced?		Do Private Wells Exist in the Service Area?					
Yes	No			Yes	No	Yes	No				
	X	Not Approved			X			X			

Service connections: 1
Population: 4,012

Public Water System Flow Chart Stateville Correctional Center 197-7910



System facts and changes:

- 1) This PWS has a hot water re-circulation system which consists of a water softener on stand-by (currently off-line). But this hot water re-circulation system is removed from flow diagram because it uses a plumbing system separate from the drinking water system and therefore, not part of the PWS
- 2) The supply does not provide any chemical treatment.



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JB PRITZKER, GOVERNOR

JOHN KIM, DIRECTOR

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October 22, 2019

Stateville Correctional Center Public Water Supply
c/o Mr. Sherwin Miles, Warden
P.O. Box 112
Joliet, Illinois 60434

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2019 Public Water Supply Inspection Report

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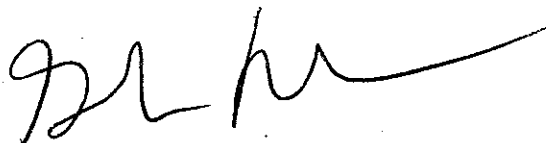
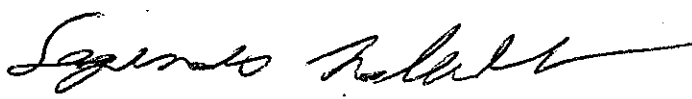
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Stateville Correctional Center – IL197-7910
October 22, 2019

We also request that you review the enclosed "Public Water Supply Data Sheets". Monitoring requirements are determined by the information included on these data sheets, making it vital that you inform us of any errors or other inaccuracies.

We appreciate the cooperation and courtesy extended during this survey. Questions or comments regarding this evaluation should be directed to Grover Hopkins at (618) 608-3134.

Very truly yours,



Segundo Nallatan, P.E.
Regional Manager
Division of Public Water Supplies
Illinois Environmental Protection Agency

Grover Hopkins
Environmental Protection Engineer

cc: Mark Siefert, Responsible Operator, 1610 Plainfield Road, Crest Hill, Illinois 60403
Will County Public Health Department
IDPH
Illinois State Water Survey

ATTACHMENT "A"
VIOLATIONS, DEFICIENCIES AND RECOMMENDATIONS

The current evaluation of your community water supply indicates that the following conditions appear to violate Title IV of the Illinois Environmental Protection Act 415 ILCS 5/1-57.17 (2018) (The Act), 35 Illinois Administrative Code (35 IAC), the Recommended Standards for Water Works (2012) (Standards) and related standards. A written response outlining corrective action is required to be submitted to this office within 30 days

1) Administrative/Managerial Deficiencies – Monitoring

During my inspection I conducted a free and total chlorine residual test. Both the free and total were below the requirement at 0.1 mg/L and 0.2 mg/L respectfully. Also, after reviewing the logged chlorine residuals done at the facility there were discrepancies between my results and the results take a short time earlier. A minimum free chlorine residual of 0.5 mg/L or a minimum combined chlorine residual of 1.0 mg/L must be maintained in all active parts of the distribution system at all times.
(The Act, Section 18 and 19; 35 IAC 604.725(a))

2) Administrative/Managerial Deficiencies – Monitoring

During review of the facility it was discovered that Stateville had missing and/or late monthly operating reports. The community water supply must prepare an operating report on a form approved by the Agency as specified in a construction, operating or special exception permit. The operating report must be signed by the Responsible Operator in Charge and submitted to the Agency within 30 days after the last day of the month.
(The Act, Section 18 and 19; 35 IAC 604.165(a); 35 IAC 604.165(c))

DATA SHEET PAGE 1

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Inspection Report - Elgin Regional Office**

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LIMITING FACTOR FOR PLANT CAPACITY?						allocation	
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POPULATION		4,012		Estimated or Census Data		Estimated	
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DATA SHEET PAGE 2

CONSECUTIVE CONNECTION SUMMARY											
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TREATMENT		Disinfectant Used		Fluoridation Chemical Used		Other Chemical Addition		Other Treatment			
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		Installation Deficiencies						General Condition of Plant			
								Ok			
Other Comments regarding this TAP								Emergency Power		None	

Service Area / Pressure Zone / Distribution System												
Water Source(s)				CC05								
Location or Description				Service Area Population		No. of Service Connections		Finished Water Storage (Show Capacities)				
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67 psi		Water Tower		61 psi		Water Tower		Free: 0.1		Water Tower		
Flushing Program				Fire Protection Provided?		Current Map Available?		Valve Maintenance Program			Notes and Other Observations	
None Yearly 2 x year More Often				No Yes		No Yes		No Valves No Program OK				
Information not provided				X		X		Information not provided				

Operating Reports / Records												
Content of Monthly Reports												
Monthly Reports Being Submitted?			Report for each TAP?		Daily Production from Each TAP?		Daily Measured Residuals?		Daily Dosage Calculations?		Notes and Other Observations	
Yes	No	Late	Yes	No	Yes	No	Yes	No	Yes	No		
X		X	X		X		X			X		
Cross Connection control Ordinance												
Does the system have an ordinance?		Date Approved (by IEPA)		Program Enforced?		Do Private Wells Exist in the Service Area?						
Yes	No			Yes	No	Yes	No					
	X	Not Approved			X			X				

DATA SHEET PAGE 3

Monitoring											
Bacteriological Summary											
Monitoring History (2018 Year)				Primary Lab		Phone		FAX			
	Raw	Finished	Distribution								
Number of Samples			36	Arroz Lab		815-727-5436					
Number Satisfactory			36	Secondary Lab		Phone		FAX			
Number Invalid			0								
Number Unsatisfactory			0	Suburban Labs		708-544-3260					
Fecal / E. Coli. Positive			0	Coliform Monitoring Plan Approved?		All Major Portions of system included in Plan?		Chlorine Residuals taken at Sample Sites?		Monitoring FREE Residual?	
				Yes	No	Yes	No	Yes	No	Yes	No
Monitoring Violations		MCL Violations	0	X		X		X		X	

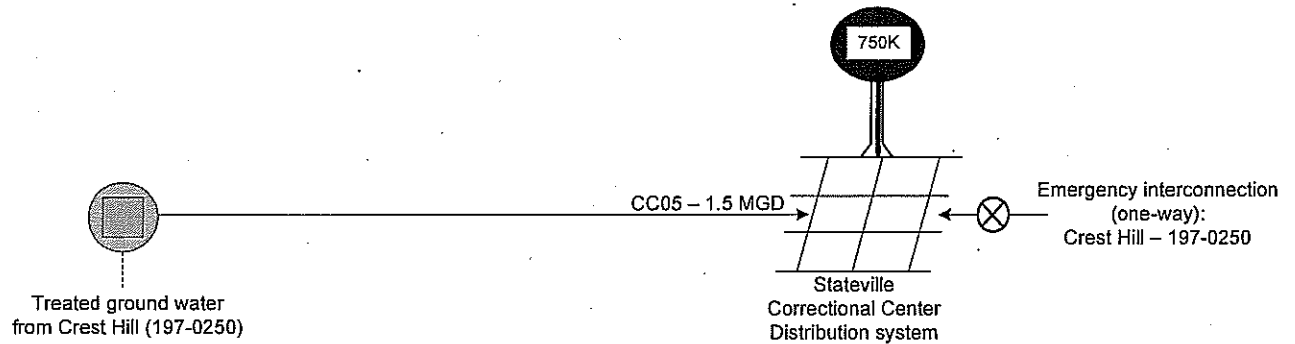
Chemical Summary	
Pb/Cu	Results are below MCL
D/DBP	Results are below MCL

Viability / Financial Management			
Service Fee (Minimum Charge)	n/a	Other source(s) of income used to maintain the water system	Not Given
Direct Charge (cost per 1,000 gallons)	n/a	Does the Utility have an ACTIVE program to ensure all customers pay bills?	Not Given
Billing Frequency	n/a	Does the utility have a fund to cover major repairs?	Not Given
ICC Regulated? (Y/N)	No	Name and phone no. of person responsible for system repairs.	Jermiagh Daly 815-727-3607 Ext.5555
Date of Last Rate Increase	n/a	Name and Phone No. of Person Responsible for Financial Management of the Water System	TDOC
		Major Water Supply Concerns expressed by Residents/ Customers.	Not given
What was the most recent major repair or improvement involving This Water System (Include Dates)			
None			
Planned, Anticipated or Needed Upgrades and Improvements (Include dates or timeframe if known)	None		

Deficiencies noted in Attachment "A" in the last inspection September 26, 2014	
Deficiencies from last inspection	Corrected (Yes/No)
Low Chlorine	No
Cross Connection Program	No

Service connections: 1
Population: 4,012

Public Water System Flow Chart Stateville Correctional Center 197-7910



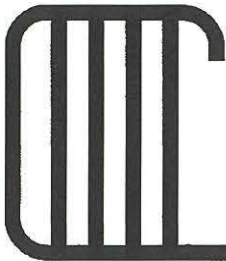
System facts and changes:

- 1) This PWS has a hot water re-circulation system which consists of a water softener on stand-by (currently off-line). But this hot water re-circulation system is removed from flow diagram because it uses a plumbing system separate from the drinking water system and therefore, not part of the PWS.
- 2) The supply does not provide any chemical treatment.

Stateville Corrections Water Tower

STATEVILLE CORRECTIONS
IN THE CITY OF STATEVILLE
OF THE COUNTY OF JEFFERSON
STATE OF ILLINOIS
OFFICE OF THE JAILER
OFFICE OF THE WARDEN
OFFICE OF THE CHIEF OF POLICE
OFFICE OF THE SHERIFF
OFFICE OF THE CLERK OF COURT
OFFICE OF THE JUDGE
OFFICE OF THE PROSECUTOR
OFFICE OF THE DEFENSE ATTORNEY
OFFICE OF THE PUBLIC DEFENDER
OFFICE OF THE JAILER
OFFICE OF THE WARDEN
OFFICE OF THE CHIEF OF POLICE
OFFICE OF THE SHERIFF
OFFICE OF THE CLERK OF COURT
OFFICE OF THE JUDGE
OFFICE OF THE PROSECUTOR
OFFICE OF THE DEFENSE ATTORNEY
OFFICE OF THE PUBLIC DEFENDER





Illinois
Department of
Corrections

JB Pritzker
Governor

John Baldwin
Acting Director

Stateville Correctional Center / Rt. 53 / P.O. Box 112 / Joliet, IL 60434 / Telephone: (815) 727-3607 / TDD: (800) 526-0844

Stateville Correctional Center

Warden's Office

Fax Number: (815) 727-5511

DATE: 2/8/2018 Number of Pages including Cover Sheet: 7

Please Deliver To: Grover Hopkins, Elgin Regional Office

Fax Number Called: (847) 608-3139

From: Sherwin Miles, Acting Warden

COMMENTS: _____

If you do not receive any of the pages, please contact sender as soon as possible.

NOTICE!

This is a FAX transmission of confidential information. It is intended for the use of the individual or entity to which it is addressed. If you have received this communication in error, please notify the sender at the above telephone number and destroy this transmittal immediately. If you are not the intended recipient, you are hereby notified that any retention or dissemination of this information is strictly prohibited. Thank you.

RECEIVED
REGION 7
FEB 08 2019
Division of Public Water Supplies
State of Illinois
Environmental Protection Agency

Please answer all questions to the best of your knowledge

1. Please list the contacts we can call if we want to do an inspection or need information?

Name Jerry Daly Title Chief Stationary Engineer Phone # (815) 727-3607 x5555

2. Please list the Name, Class and Certification number of the Certified Operator on file for the facility.

Mark Sickert - Class B - 156228284

3. How many total connections do you service at the facility? 1

How many residential connections do you service at the facility? 0

How many commercial connections do you service at the facility? 0

How many industrial connections do you service at the facility? 0

4. Please list all satellite water systems and interconnects that supply water or obtains water to and from the facility. Include the facility number and state rather the facility is a source of water or is purchasing water from your facility?

Interconnect to City of Crest Hill

5. What is the direct population that the facility serves?

2856 inmates + 1156 employees

6. Does your distribution system provide adequate pressure for fire protection?

We do not have a distribution system.

7. Please list Well name/ID#, Pump Capacity, Well Depth, Casing Length, Well Diameter and Casing Diameter.

Does not apply, water is supplied from City of Crest Hill.

8. Do you have emergency power? If so, what kind and what does it provide power to?

Does not apply. However, the City of Crest Hill does have emergency power.

RECEIVED
REGION 2

FEB 08 2019

Division of Public Water Supplies
State of Illinois
Environmental Protection Agency

9. Please list all forms of storage capacity at the facility. (Include type and capacity in gallons)

1.5 mg water tower. 750k water tower. City of
Coast Hill wells.

10. What is the maximum system pressure and the location of where it was measured?

67 psi @ base of water tower

11. What is the minimum system pressure and the location of where it was measured?

61 psi @ base of water tower

12. Is a current map available of the distribution system? If there is, please have copy ready to give at the inspection? If not, please explain why

Yes.

13. Do you have a flushing program in place? If so how frequent do you flush your system?

Yes, we flush our hydrants twice a year.

14. Do you have a valve maintenance program in place? If so how frequent do you exercise the valves?

No.

15. Are there any private wells in your area? If so, are these private wells interconnected with your distribution system?

The City of Coast Hill wells supply the system. No.

16. What is the name, phone number, and fax number of your primary lab and secondary lab?

Arco Lab - (815) 727-5436
Suburban Lab (708) 544-3260

17. Do you charge a service fee or minimum charge per month? If so, please list the amount charged and the amount of water included.

Does not apply.

18. Is there a direct charge to your customers per 1,000 gallons? If so, please list the amount charged.

Does not apply.

19. Is your billing frequency on a monthly basis? If not, please list the billing frequency.

Does not apply.

20. When was the date of the last rate increase?

Does not apply.

21. How does your water utility handle customers who fail to pay water bills?

Does not apply.

22. Are there other sources of income to maintain the water system? If you answered yes, please list the sources.

Does not apply.

23. Is there a fund to cover major repairs to the system?

Does not apply.

24. What is the name and number of the person responsible for system repairs?

Jerry Dely (815) 727-3607 x 5555

25. What is the name and phone number of the person responsible for financial management of the water system?

IDOC

26. What are the major water supply concerns expressed by your customers?

Does not apply.

27. Is your water utility ICC (Illinois Commerce Commission) regulated?

Does not apply.

28. What was the most recent repair or improvement involving this water system (include dates)?

Nothing recent.

29. Do you have any planned, anticipated, or needed upgrades and improvements? If so, please list them.

Nothing planned

30. Are there any septic tanks within 75 feet of the wells or sanitary sewers within 10 feet of the wells?

No.

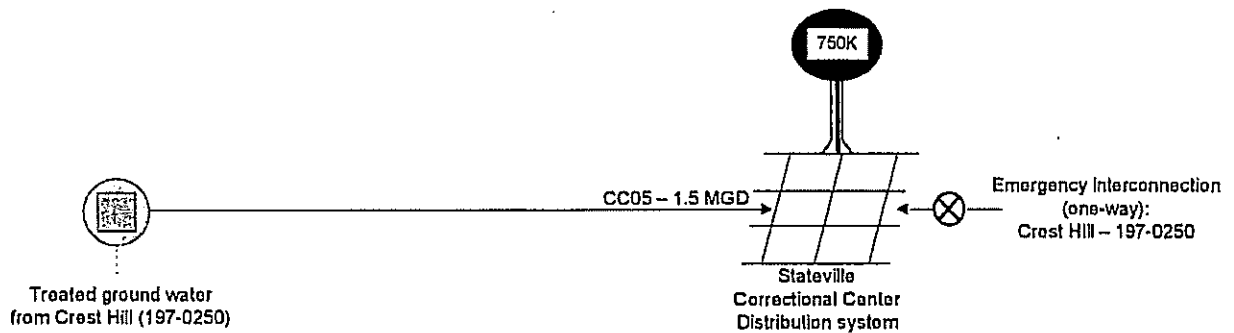
31. Please send in 3 to 5 copies of completed cross connection bi-annual surveys submitted by your customers. Please be sure to use random dates and different customers. N/A

32. Please send in 3 to 5 test results from the backflow prevention equipment (RPZ) submitted by your customers. Please be sure to use random dates and different customers. N/A

33. Please be prepared to show the location and test results of the backflow prevention equipment that the facility is responsible for.

Service connections: 18
Population: 3,500

Public Water System Flow Chart Stateville Correctional Center 197-7910



System facts and changes:

- 1) This PWS has a hot water re-circulation system which consists of a water softener on stand-by (currently off-line). But this hot water re-circulation system is removed from flow diagram because it uses a plumbing system separate from the drinking water system and therefore, not part of the PWS.
- 2) The supply does not provide any chemical treatment.